

BALANCING MACHINE

ABSTRACT

Balancing machine comprising a shell or frame (3) suspension-mounted
5 on a bed (2) via elastic supports, a shaft (8) rotatably supported by said
frame at two points spaced a predetermined distance apart and having
that end emerging from the bed provided with means (80) for locking a
wheel (11), drive means for rotating said shaft, and force transducer
means (33) applied between the bed and the shaft, characterised in that
10 the drive means are rigid with the suspension-mounted frame, between
the bed (2) and frame (3) there being interposed an elastic support
comprising at least two coplanar leaf springs (4, 5) symmetrical about the
shaft axis and positioned in a plane perpendicular to the plane containing
the axes of said drive means, of said shaft and of said transducer means.